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March 24.—Nine specimens of small diamonds.

March 25.—One specimen of lepidolite, hornblende, staurolite.

May 27.—Two specimens of descloisite, one vanadinite, diamond on matrix, quartz (mod. crystal), calamine, smithsonite, smithsonite (geode).

September 10.—One specimen of quartz on hematite, azurite, colemanite, leidyite.

September 27.—Two specimens of obsidian or pearl spar, one fluorite (polished), opal.

October 13.—One specimen of apophyllite, polydelphite, dysluite.

October 13.—Two specimens of calamine, one franklinite, zincite, willemite, zincite, two rhodenites.

November 9.—Two specimens of topaz, one beryl (green cut), beryl (yellow cut), essonite.

Brush's Blowpipe Analysis and Dana's Text-book of Mineralogy were purchased for the use of the Curator.

Respectfully submitted,

JACOB BINDER,
Curator.

REPORT OF THE BIOLOGICAL AND MICROSCOPICAL SECTION.

The number of meetings held during the year ending December 1, 1885, was sixteen.

The average attendance was ten.

The following members were elected: Dr. Horace F. Jayne, Dr. J. Bernard Brinton.

The following members resigned: Dr. Persifor Frazer, W. T. Seal, Dr. J. D. Thomas, Dr. J. G. Richardson.

The following were some of the more important communications brought before the Section:—

December 15, 1884. By Dr. Benjamin Sharp, upon "Homologies of the Vertebrate Lens."

January 5, 1885. Dr. Benjamin Sharp, upon "The Formation of Teeth in Ancyllus."

January 5. By Miss Fielde, upon "The Process of Regeneration of Parts of the Earth Worm;" by Dr. Horace F. Jayne, upon "A Process of Staining."

January 19. Lecture by Dr. G. A. Rex, "Illustrations of the Genus *Stilbum*."

February 16. Lecture by Dr. W. X. Sudduth, upon "The Comma Bacillus;" exhibition by Messrs. Queen & Co. of Bacteria.

March 16. By Mr. Harold Wingate, upon "The Lens of the Triton."

April 6. By J. Bernard Brinton, upon "Opaque Mounting."

April 20. By Dr. J. Brewer Hall, upon "A Species of *Ochlea*."

May 4. By Dr. Benjamin Sharp, upon "The Eyes of the Pecten."

A microscopical exhibition was given to the public upon the evening of Thursday, December 3. It was attended by a large and appreciative company.

Very respectfully,

ROBT. J. HESS, M. D.,

Recorder.

REPORT OF THE CONCHOLOGICAL SECTION.

The Recorder of the Conchological Section respectfully reports that during the past year the Academy has continued to publish for the Section such papers on Conchology as have been presented. No new members or correspondents have been elected, neither has there been any change in the by-laws. Mr. Tryon, Conservator, reports as follows:—

"During the year there has been a marked increase over any recent one in the additions to our Museum. Sixty donations and purchases have been received from forty-four persons. The number of trays and labels added to the collection is 1484, of specimens 7237.

"The Conchological Museum now contains 43,932 trays and written tablets, and 158,352 specimens.

"A detailed list of the accessions for 1885 is hereunto subjoined. (See Additions to Museum.)

"A circular was issued early in the year soliciting collections of shells from localities not represented in our Museum. Numer-